IN THE CLAIMS

Please amend the claims as follows:

1. (Cancelled).

2. (Currently Amended) ~~A device according to claim 1~~A device for calibrating a microphone, said device comprising:

a loudspeaker for converting a loudspeaker input signal into sound;

a microphone for converting received sound into a microphone output signal; and

calibration means for calibrating an output power of the microphone relative to a desired power level, said calibration means comprising impulse response estimating means for estimating an acoustic impulse response of the microphone by correlating the microphone output signal and the loudspeaker input signal when the microphone receives the sound from the loudspeaker, whereby the output power of the microphone is estimated,

wherein said device further ~~comprising~~ comprises:

direct part extraction means ~~(8)~~ for extracting a direct part of the acoustic impulse response, thereby passing through a diffuse part of the acoustic impulse response.

3. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim ~~1~~2, wherein said device further ~~comprising~~ comprises:

high- and low-pass filter means ~~(11)~~ for filtering out low and high frequencies from the diffuse part of the acoustic impulse response.

4. (Currently Amended) ~~A device according to claim 1~~A device for calibrating a microphone, said device comprising:

a loudspeaker for converting a loudspeaker input signal into sound;

a microphone for converting received sound into a microphone output signal; and

calibration means for calibrating an output power of the microphone relative to a desired power level, said calibration means comprising impulse response estimating means for estimating an acoustic impulse response of the microphone by correlating the microphone output signal and the loudspeaker input signal when the microphone receives the sound from the loudspeaker, whereby the output power of the microphone is estimated,

wherein said device further ~~comprising~~ comprises:

squaring and summation means ~~(13)~~ for creating a representation of a current power level of a diffuse microphone response.

5. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim ~~1~~4,

wherein said device further ~~comprising~~ comprises:

relating means, coupled to an output of said squaring and summation means, ~~(15)~~ for relating ~~a~~ the current power level ~~(14)~~ of the diffuse microphone response with a desired power level ~~(20)~~.

6. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim 5, ~~in which~~wherein an output ~~(16)~~ of the relating means ~~(15) or the averaging means (17)~~ is fed back to the microphone output signal ~~(6)~~ as a calibration factor ~~(18)~~.

7. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim 5, whereby the desired power level ~~(20)~~ has a predetermined value for absolute calibration of the microphone.

8. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim 5, ~~comprising~~ wherein said device further comprises a reference microphone ~~(B)~~ for ~~a relative~~ calibration of ~~one or more~~said microphones (A) relative to the reference microphone ~~(B)~~ ~~whereby~~, the output ~~of the squaring and summation means (13)~~ of the reference microphone ~~form the input~~forming the desired power level input for the relating means ~~(15) for the other microphones~~.

9. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim 3, whereby the high- and ~~low~~ low-pass filter means are combined into a band-pass filter ~~(11)~~.

10. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim ~~1~~6, ~~arranged~~ wherein said device further comprises:

means for averaging ~~a~~ the calibration factor ~~(16) is averaged~~.

11. (Currently Amended) ~~A~~ The device ~~according to~~ as claimed in claim ~~10~~5, ~~in which the averaging is performed before the calculation of square root of the desired power (20) divided by the actual power (14)~~ wherein said device further comprises:

respective averaging means for averaging said desired power level and said current power level prior to application to said relating means.

12. (Cancelled).